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1945

Annual Report

OF THE

Medical Officer of Health

AND OF THE

School Medical Officer

BY

E. DUNBAR TOWNROE

M.R.C.S., L.R.C.P., D.P.H.

HEREFORD :

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CITY OF HEREFORD

HEALTH COMMITTEE

Councillor T. POWELL, Mayor.

Councillor T. LINDSEY PRICE, Chairman.

Alderman J. VINCENT SHAW, Deputy Chairman.

Councillor MRS. BENTLEY TATLOR.

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Councillor J. T. WALTERS.

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Councillor T. LINDSEY PRICE, Chairman.

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PUBLIC HEALTH DEPARTMENT,
TOWN HALL ANNEXE

*TO THE
RIGHT WORSHIPFUL THE MAYOR, ALDERMEN AND
COUNCILLORS OF THE CITY OF HEREFORD.*

I have the honour to submit to you the Annual Report on the health of the City for the year 1945.

Acting on the instructions of the Ministry of Health, the Annual Report for the year 1945 is presented to you on the lines of the preceding year. The general health of the population has been good and there have been no epidemics. The most notable change in administration during the year has been the coming into force of the new Education Act, under which the School Medical Service and the School Clinics have passed over to the County Authority who have shared the services of the Health Visitors.

Included in this report are facts and figures dealing with all relevant matters concerned with the Public Health Department.

Four Day Nurseries were functioning until April 1st, 1945, when the nursery for toddlers at the College, passed over to the administration of the Ministry of Education ; full use has been made of the remaining three and there has been no decline in the demand for admission since the cessation of hostilities. A notable feature of the year 1945 has been the decline in the admission to the Diphtheria wards of the Isolation Hospital, whilst the Immunisation Clinic is well attended.

The Home Help Scheme has been greatly enlarged, and is now to all intent and purposes, a domestic service, of which the public have availed themselves. A review of the health of the population and the methods taken to ensure a sufficiently high standard of living, nutrition and general hygiene during the past difficult years will no doubt furnish much valuable information when eventually compiled. That the general health of the population has been so well safeguarded and maintained in the face of every difficulty, and with depleted staffs, working under great strain, is no small tribute to the efficiency of the Public Health Service of this country.

The birth-rate, 19.1, compares favourably with that of other towns of the same size ; the birth-rate for England and Wales for 1945 was 15.6 compared with 17.2 for 1944.

The Infantile Mortality Rate for the City for 1945 was 46.3 this figure is slightly higher than that given for towns of the same size, but this is accounted for by the death of two sets of twins.

A Post-Natal Clinic has been established and is well attended.

In concluding I should like to thank the members of the Committee for the keen support which they have given me throughout the year, and to express my appreciation of the manner in which all the members of the staff have co-operated with, and assisted me generally and more particularly in connection with the additional work thrown on the department owing to the war.

I am,

Your obedient servant,

E. DUNBAR TOWNROE, M.R.C.S., L.R.C.P., D.P.H.

CITY OF HEREFORD

1945

GENERAL PROVISION OF HEALTH SERVICE FOR
THE AREA.

<i>Name and Qualifications.</i>	<i>Office held.</i>	<i>Whole or Part</i>	<i>Other Public Office.</i>
E. DUNBAR TOWNROE, M.R.C.S., L.R.C.P., D.P.H.	Medical Officer of Health	Part	School Medical Officer ; Police Surgeon ; Medical Atten- dant, City Isolation Hosp.
H. WARD-SMITH, M.B., Ch.B.	Physician, Infant Welfare Clinic.	Part	
WM. AINSLIE, M.D., F.R.C.S., Ed.	Consulting Gynæcologist Physician, Ante-Natal Clinic.	Part	
F. D. G. CHALMERS, M.A., B.Sc., F.I.C.	City Public Analyst.	Part	
J. LEACH, Cert. R.S.I., M.S.I.A.	Chief Sanitary Inspector.	Whole	
MISS E. M. NORMAN, Cert. C.M.B. and R.S.I.	Senior Health Visitor.	Part	

SECTION A.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

VITAL STATISTICS.

Area	.....	5,031 acres
Registrar-General's Estimate of Resident Population 1945 :—		
(a) For calculation of Birth-Rate	.....	30,510
(b) For calculation of Death-Rate	.....	30,510
Number of Inhabited Houses	.....	7905
Rateable Value	.....	£244,883
Sum represented by a penny rate	.....	£985

VITAL STATISTICS.

	<i>Total.</i>	<i>Males.</i>	<i>Females.</i>
Live Births—Legitimate	503	262	241
Illegitimate	80	37	43
Still Births	10	7	3
Rate per 1,000 total (live and still) births			19.1
Death Rate per 1,000 of the estimated resident population			12.7
Death Rate of Infants under one year of age—			
All Infants per 1,000 live births			46.3
Legitimate Infants per 1,000 legitimate live births			50.3
Illegitimate Infants per 1,000 illegitimate live births			12.
Deaths from Cancer (all ages)			72
Deaths from Whooping Cough (all ages)			3
,, ,, Diarrhoea (under 2 years)			1

SECTION B.

GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.

There have been no developments or changes during the year in the following services :—

LABORATORY FACILITIES.

AMBULANCE FACILITIES.

NURSING IN THE HOME.

During the year, FOLLY HOUSE, FOLLY LANE, HEREFORD, was used as an emergency Infectious Disease Hospital.

MATERNITY AND CHILD WELFARE.

MIDWIVES.—Midwives practising in the City (apart from hospitals)—8.

MATERNAL MORTALITY—4.

PUERPERAL MORBIDITY.—There were 26 cases of Puerperal Pyrexia.

VISITS TO HOMES OF INFANTS BY HEALTH VISITORS.

First Visits.....	583
Second Visits	367
Third Visits	254
Fourth Visits	96
Fifth and subsequent Visits	48

Total	1348
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Visits to Infants between 1 and 5 years	2140
---	------

Visits to Expectant Mothers—

First Visits.....	43
Total Visits	68

INFANT FEEDING.

At 583 “Birth” visits it was found that 284 (48.8) were entirely breast-fed and 299 (48.8) were bottle fed.

3,684 lbs. of dried milk were issued at cost price for infant feeding.

MATERNITY AND CHILD WELFARE CENTRE.

806 mothers made 7,459 attendances ; 70 of the mothers came from the Rural District.

Children under 1 year made 5,269 attendances, and between 1 and 5 years, 2,176 attendances, 134 children made 607 attendances at the 'Toddlers' Clinic.

39 children under 1 year made 174 attendances and 169 children over 1 year made 631 attendances for treatment at the Minor Ailment Clinic.

ANTE-NATAL CLINIC.

389 expectant mothers made 2,217 attendances. Of these 38 were from the Rural District.

DENTAL TREATMENT.

Mothers 96 attendances and 19 children under 5 years made 25 attendances.

NOTIFICATION OF BIRTHS.

Live Births notified	.....	.....	1002
Still births notified	.....	.....	24
			<hr/>
Total	.....	.....	1026
			<hr/>

499 notifications were transferred out to other M. and C.W. Areas.

INFANTILE MORTALITY.

27 Infants died before reaching the age of 12 months. The Infantile Mortality Rate per 1,000 live births was 46.3. The Infantile Mortality Rate for England and Wales was 43.

The causes of death were :—

		<i>Males.</i>	<i>Females.</i>
Whooping Cough.....	.....	1	—
Broncho Pneumonia	.....	2	1
Malformation	.....	6	2
Prematurity	.....	1	5
Gastro-enteritis	.....	1	—
Other Causes	.....	4	2
Measles	.....	1	1
		<hr/>	<hr/>
Total	.....	16	11
		<hr/>	<hr/>

(The Chief Sanitary Inspector's Report is embodied in Sections C, D and E.)

SECTION C.

SANITARY CIRCUMSTANCES IN THE AREA.

WATER SUPPLY.

CORPORATION WATERWORKS.

The supply is taken from the river Wye and treated by slow sand filters and chlorination. Samples were submitted regularly to the Public Analyst for Bacteriological Examination. No major alterations have taken place.

The water supply to the area has been satisfactory (a) in quality (b) in quantity.

See Table at appendix A for Results of Bacteriological Examinations.

The result of a chemical analysis is given below :

PHYSICAL EXAMINATION.

Turbidity Nil. Colour Nil. Odour Nil.

CHEMICAL EXAMINATION.

<i>Determination.</i>	<i>Result in parts per 100,000.</i>
Total solids	—
Chlorine as Chlorides	1.8
Total Hardness.....	8.0
Permanent Hardness	—
Temporary Hardness	—
Free Ammonia	Nil.
Organic Ammonia	0.005
Nitrites	Absent
Nitrogen as Nitrates	0.083
Oxygen absorbed at 98° Fahr. in 3 hours	0.093

Remarks :—Iron, Copper, Lead and Zinc not detected.

Where the results were unsatisfactory immediate contact was made with the City Surveyor and the matter remedied by better filtration and chlorination.

The whole population and 7,905 dwelling houses with the exception of 17 houses supplied from wells receive the supply direct from the Corporation water mains.

WELL WATER.

At the end of the year 17 houses were supplied by 12 wells. Arrangements have been made for 9 of the above 17 houses to be connected to the City Mains early in 1946.

DRAINAGE AND SEWERAGE.

New sewers have been constructed on the Hunderton Housing Estate, together with an extension of the sewer from Luard Walk.

Certain of the sewage disposal contact beds have been treated with lime with the object of improving the effluent.

CLOSET ACCOMMODATION.

There are 70 dwelling houses all outside the City Sewerage System making use of conservancy closets. All other premises are provided with water closets. During the year the conveniences at a factory have been connected to the water carriage system.

PUBLIC CLEANSING AND SALVAGE.

The bulk of the refuse is disposed of by incineration, controlled tipping being resorted to during repairs and overhauling of the destruction plant.

Salvage of scrap metals, etc., and the collection and cooking of kitchen waste has continued during the year.

SANITARY INSPECTION OF THE AREA.

The number and nature of inspections and visits made by the staff of the Health Department during the year were as follows :—

Nuisances (including inspections of drainage, sewers, and sanitary conveniences)	934
<i>Re</i> Ashbins	430
Housing Act	125
Tents and Vans	11
Infectious Disease	50
Factories Act	56
Outworkers	10
Food Preparing Places, including bakehouses	337
Unsound Food	279
Ice Cream Premises	48
Dairies, Cowsheds and Milk Shops	109
Public Slaughterhouse	571
Stables and Piggeries	19
Offensive Trades	24
Public Conveniences	139
Cinemas	9
Verminous Houses	19
Smoke Observation	13
Shops Act	9
Miscellaneous	135
Water Supplies	118
Rodent Control	300
Total	3,745

The following table shows the number of notices served and complied with :—

NOTICES SERVED.

Statute.	Notices not complied with at end of 1944	Notices served during 1945		Complied with during 1945	Notices not com- plied with at end of 1945
		Statutory	Informal		
Public Health Act ...	11	18	309	321	17
Housing Act	1	—	—	1	—
Factories Act	2	—	11	9	4
Shops Act	1	—	2	3	—
Hereford Corp. Act ...	—	14	15	29	—
Food and Drugs Act ...	—	—	35	32	3
Milk and Dairies Order	—	—	15	15	—
City Bye-laws	—	—	7	7	—
	15	32	394	417	24
		426			

In addition to the above Notices, 14 reports were made to other departments, 130 complaints were received and investigated during the year.

NUISANCES AND DEFECTS FOUND.

HEREFORD CORPORATION ACT.

Choked Drains 33

PUBLIC HEALTH ACT.

Public Sewers stopped up 10

Drainage defects 55

Defects to Sanitary Conveniences 74

General Nuisances, including Housing defects, burst
water pipes and accumulation of refuse, etc. 151

Lack of proper Dustbins 519

FOOD AND DRUGS ACT.

Dirty premises and utensils, lack of ventilation and
disrepair 36

MILK AND DAIRIES ORDER.

Want of limewashing, etc. 15

FACTORIES ACT.

Defects to Sanitary Conveniences and lack of ventila-
tion 16

SHOPS ACT.

Defects to Sanitary Conveniences, lack of ventilation
and washing facilities 2

BYE LAWS.

Keeping of Animals	3
Waste of Water	14

ERADICATION OF BED BUGS.

Nine privately owned and 33 Council houses were disinfected by the use of "Cimex" and "Thermatox" fumigators and spraying with insecticides.

PUBLIC BATHS.

The water in the swimming pool is filtered and chlorinated. Samples of the water are sent for bacteriological examination regularly. Generally the Analyst reported the water as satisfactory.

PUBLIC CONVENIENCES.

All Public Conveniences in the City are controlled by the Health Department. During the year two additional conveniences for ladies have been installed at the 'bus station. The question of the public conveniences in the City generally has been reviewed by the Public Health Committee.

FACTORIES ACT.

1.—INSPECTIONS FOR PURPOSES OF PROVISIONS AS TO HEALTH.

<i>Premises.</i> (1)	<i>Number of</i>		
	<i>Inspections</i> (2)	<i>Written Notices.</i> (3)	<i>Occupiers Prosecuted.</i> (4)
Factories with mechanical power... ..	49	11	—
Factories without mechanical power ...	7	—	—
Other Premises (not including Out-workers)	—	—	—
Total	56	11	—

2.—DEFECTS FOUND.

<i>Particulars.</i> (1)	<i>Number of Defects.</i>			
	<i>Found.</i> (2)	<i>Remedied.</i> (3)	<i>Referred to H.M. Inspector.</i> (4)	<i>Prosecutions.</i> (5)
Want of Cleanliness (S.1)	—	—	—	—
Unreasonable Temperature (S.3)	—	—	—	—
Sanitary Conveniences (S.7) :—				
Insufficient	2	3	—	—
Defective Fittings and dirty condition and bad lighting	12	10	—	—
Other Offences	2	2	2	—
Total	16	15	2	—

Two cases were found where no abstract of the Act was affixed in accordance with the Act. These cases were notified to the Factories Inspector.

3.—OUTWORKS PREMISES.

Number of Visits	10
Number of Notices	Nil.

SHOPS ACT—SANITATION.

Number of Visits to Shops	9
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DEFECTS AND NUISANCES.

		<i>Found.</i>	<i>Remedied.</i>
Insufficient Sanitary Conveniences	1	1
Defective Sanitary Conveniences	.....	1	1
Unreasonable temperature	.....	—	1
		—	—
Total	.....	2	3
		—	—

OFFENSIVE TRADES.

Number recorded in the City—

Felmongers	.....	.....	.....	2
Tripe Boilers	.....	.....	.....	1
Gut Scrapers	.....	.....	.....	1
Rag and Bone Dealers	.....	.....	.....	2
Number of Inspections	.....	.....	.....	24
Nuisances found	.....	.....	.....	—
Nuisances abated	.....	.....	.....	—

RAG FLOCKS ACT.

There are no manufacturers of rag flock in the City.

Two samples were taken during the year, which complied with the Regulation.

All samples used in the City are purchased under warranty to conform to standards of cleanliness laid down by the Regulations of 1912.

TENTS AND VANS.

Number of occupied vans in the City at end of year	8
Number of visits and inspections	11

The sanitation is governed by bye-laws and the Public Health Act, and offences are brought to the notice of owners and occupiers.

During the Fairs held on Merton Meadow all the vans were visited and found satisfactory.

CAMPING GROUND.

No licences have been granted for the use of any land as a camping site.

RODENT CONTROL.

During the year 300 visits and inspections have been made by the Sanitary Inspectors. One full time operator is employed. In addition to treatments of individual premises and general advice to occupiers, all inspected buildings in the City Shopping Centres have, on an average, received three treatments. At the end of the year the Corporation had contracted to give quarterly services at 150 premises in the City. In addition the Corporation Sewers have been successfully treated. The infestation was slight with a total estimated kill of 457 rats.

SECTION D.

HOUSING.

NEW HOUSES.

Number of new houses erected during the year :—

By the Local Authority	Nil
By other bodies or persons	Nil

INSPECTION OF DWELLING HOUSES DURING THE YEAR.

(1) Total number of dwelling houses inspected for housing defects (under Public Health and Housing Acts)	42
Number of inspections made for the purpose	175
(2) Number of dwelling houses (included under sub-head 1) which were inspected and recorded under the Housing Consolidated Regulations, 1925, and 1932	—
Number of inspections made for the purpose	—
(3) Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	—
(4) Number of dwelling houses (exclusive of those referred to under 3) found not to be in all respects reasonably fit for human habitation	42

REMEDY OF DEFECTS DURING THE YEAR WITHOUT SERVICE OF FORMAL NOTICES.

Number of dwelling houses rendered fit in consequence of informal action by the Local Authority or their officers	30
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ACTION UNDER STATUTORY POWERS DURING THE YEAR.

Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936 :—

(1) Number of dwelling houses in respect of which notices were served requiring repairs	—
---	---

- (2) Number of dwelling houses which were rendered fit after service of formal notices—

By owners	—
By Local Authority in default of owners	—

Proceedings under Public Health Acts :—

- (1) Number of dwelling houses in respect of which notices were served requiring defects to be remedied —
- (2) Number of dwelling houses in which defects were remedied after service of formal notice—
- | | |
|-----------------|---|
| By owners | 3 |
|-----------------|---|

Proceedings under Sections 11 and 13 of the Housing Act, 1936 :—

- (1) Number of dwelling houses in respect of which Demolition Orders were made
- (2) Number of dwelling houses demolished in pursuance of Demolition Orders
- | | |
|--|---|
| | 2 |
| | 1 |

Proceedings under Section 12 of the Housing Act, 1936 :—

- (1) Number of separate tenements or underground rooms in respect of which Closing Orders were made
- (2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit
- | | |
|--|---|
| | — |
| | — |

In addition to the above :

Number of houses closed on an undertaking of the owner under Section 11	—
Number of houses awaiting demolition under Demolition Orders	24
Number of houses demolished under Clearance Orders	3
Number of houses awaiting demolition under confirmed Clearance Order	72

HOUSING ACT, 1936, PART IV, OVERCROWDING.

Owing to the present emergency it has been impossible to maintain the records of overcrowding in the City.

CLEARANCE AREAS.

No action has been taken under Section 25, Housing Act, 1936, during the year.

LICENCES FOR RE-OCCUPATION.

Twenty-three houses are subject to licences for temporary habitation.

RENT RESTRICTIONS ACTS.

Number of Investigations	4
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CONTROL OF CIVIL BUILDING.

The Chief Sanitary Inspector is the Officer authorised to inspect and report on all applications for "Building Licences" except where the licences cover the erection of new buildings. The Scheme commenced to operate on the 1st August, 1945.

Number of Inspections made	109
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REQUISITIONING OF PROPERTIES FOR FAMILIES INADEQUATELY
HOUSED.

In connection with this work the duties of inspecting properties and posting Requisition Notices has been delegated to the Sanitary Inspectors.

153 visits and inspections were made.

SECTION E.

INSPECTION AND SUPERVISION OF FOOD.

MILK SUPPLY.

Number of Dairy Farms in the City	12
Number of Producers of Accredited Milk	1
Number of Retail Purveyors of Milk	66
(a) Resident in the City	35
(b) Non-Resident in the City	31

SPECIAL DESIGNATIONS.

Number of Producers licensed by County Council to produce and sell Tuberculin Tested Milk	3
Number of Retailers licensed by the City to bottle Tuberculin Tested Milk	1
Number of Producers licensed by County Council to produce Accredited milk	1
Number of Retail Purveyors licensed by the City to sell Pasteurised milk	1
Numbers of Samples collected	15

BACTERIOLOGICAL EXAMINATION OF MILK.

Twenty samples of milk were submitted to the Clinical Research Association Ltd., for complete bacteriological examination. No Tubercle Bacilli were found in any of the samples.

ICE CREAM.

All premises used for the sale or manufacture of Ice Cream are registered under the Hereford Corporation Act, 1936.

Number of Inspections	48
Number of samples submitted for bacteriological examination	8

All the samples were reported free from organisms of the enteric, salmonella or dysentery groups.

MEAT AND OTHER FOODS.

Number of butchers' shops in the City, 38.

Number of Preserved Food preparing premises under Private Act, 39.

There are no private slaughterhouses in the City and the Public Abattoir is occupied by the Ministry of Food. The provisions of the Slaughter of Animals Act, 1933, are strictly enforced.

FOOD TRANSPORT.

The transport of food is controlled by the City Bye-law and the Public Health (Meat) Regulations 1924. Constant supervision of vehicles was maintained, and five warning notices have been issued for non-compliance with the Regulations.

CARCASSES INSPECTED AND PROPORTION CONDEMNED FOR TUBERCULOSIS AND OTHER CONDITION.

	<i>Beeves.</i>	<i>Calves.</i>	<i>Sheep and Lambs.</i>	<i>Pigs.</i>
Number killed	4,273	2,572	23,191	2,259
Number inspected... ..	4,273	2,572	23,191	2,259
<i>All Diseases except Tuberculosis—</i>				
Whole carcasses condemned	110	49	92	26
Carcasses of which some part or organ was condemned	1,333	19	1,526	183
Percentage of the number inspected affected with disease other than T.B.	33.77 %	2.64 %	6.98 %	9.21 %
<i>Tuberculosis only—</i>				
Whole carcasses condemned	56	1	—	11
Carcasses of which some part or organ was condemned	248	4	—	179
Percentage of the number inspected affected with Tuberculosis ...	7.11 %	0.19 %	—	8.41 %

OTHER FOODS INSPECTED AND SURRENDERED.

Butter	443 lbs.	Lettuce	95 lbs
Margarine	84 "	Eggs	45 "
Cheese	19 $\frac{1}{4}$ "	Chocolate	62 $\frac{1}{2}$ "
Ham & Bacon	444 $\frac{3}{4}$ "	Jam & Syrup	228 $\frac{1}{2}$ "
Dried Fruit	738 $\frac{1}{2}$ "	Meat Products	22 $\frac{1}{4}$ "
Flour Mixtures	76 $\frac{1}{4}$ "	Sausages	73 "
Flour Confectionery	614 "	Canned Meat	2,980 $\frac{1}{2}$ "
Apples	56 "	Canned Fish	463 $\frac{1}{4}$ "
Cider Apples	19,838 "	Canned Milk	684 $\frac{3}{4}$ "
Fruit Pulp	42 "	Canned Vegetables	398 "
Rolled Oats	61 "	Canned Soup	66 $\frac{1}{2}$ "
Potatoes	4,816 "	Canned Fruit	178 $\frac{1}{2}$ "
Root Vegetables	560 "	Wet Fish	2,162 $\frac{3}{4}$ "
Cabbages	5,012 "	Cured Fish	252 "
Water Cress	138 "	Fish Paste	184 $\frac{3}{4}$ "
		Miscellaneous Foodstuffs	69 $\frac{1}{4}$ "
Total Weight ...		40,909 $\frac{1}{4}$ lbs.	

Where possible all condemned foods are salvaged for re-processing or use as animal feeding stuffs.

RECORD OF INSPECTIONS.

Meat Inspections at Abattoir	571
Inspections of other Food	279
Inspections of Food Preparation Premises, etc., including Bakehouses	337
Inspections of Dairies and Cowsheds	109

FOOD AND DRUGS ACT, 1938.

SAMPLING OFFICER'S REPORT.

The following table shows the number and nature of the articles submitted to the Public Analyst during the year and the results of the analyses :—

<i>Article</i>	<i>No. Submitted</i>		<i>No. Genuine</i>		<i>No. Adulterated</i>	
	<i>Formal</i>	<i>Inf.</i>	<i>Formal.</i>	<i>Inf.</i>	<i>Formal.</i>	<i>Inf.</i>
Milk	35	—	32	—	3	—
Self Raising Flour ...	2	6	2	4	—	2
Mustard	—	4	—	4	—	—
Brandy	1	—	—	—	1	—
Whisky	4	—	3	—	1	—
Pork Sausages	3	—	1	—	2	—
Beef Sausages... ..	2	—	2	—	—	—
Pickles	—	7	—	7	—	—
Rum	1	—	1	—	—	—
Gin	1	—	1	—	—	—
Shredded Suet	4	—	4	—	—	—
Special Margarine ...	4	—	4	—	—	—
	57	17	50	15	7	2
Total	74		65		9	

OBSERVATIONS.

MILK.

One sample of milk, No. 26, was reported to contain 38.23% of extraneous water ; therefore the County Sampling Officer took three samples at the place of delivery each of which contained no added water. Investigation proved that the producers' cow-man had added water to the milk and he was summoned, and fined £3 3s. 0d. including costs, by the County Magistrates. The case against the vendor was dismissed by the City Magistrates.

Two samples, Nos. 27 and 29, were reported to be deficient in fat 20% and 14.6% respectively. As a result the County Sampling Officer took two samples at the place of delivery and six

“Appeal to Cow ” samples, seven of which were also deficient in fat, proving that samples Nos. 27 and 29 were milk as given by the cow. After correspondence with the producers subsequent samples were reported genuine.

SELF RAISING FLOUR.

Two informal samples, Nos. 2 and 3, were reported deficient in available carbon dioxide. Subsequent formal samples were genuine.

BRANDY.

One formal sample, No. 30, had an excess of 4.6% water. The vendor was summoned, the case being dismissed on payment of £4 8s. 0d. costs.

WHISKY.

One formal sample No. 31, had an excess of 5.1% water. The case against the vendor was dismissed on payment of £4 8s. 0d. costs.

PORK SAUSAGES.

Two formal samples, Nos. 37 and 39 proved on analysis to contain only 42% and 38% meat respectively (prescribed amount 50%). Proceedings were taken and each vendor was charged £8 8s. 0d. costs.

SECTION F.

PREVALENCE AND CONTROL OVER INFECTIOUS AND OTHER DISEASES.

SCABIES.

The provisions of the Scabies Order, 1941, are operated and the Cleansing Station is situated in Stonebow Road. Cases and contacts are examined at the Minor Ailment Clinic, Town Hall Annexe, and directed to the Cleansing Station for treatment.

DIPHTHERIA IMMUNISATION.

During the year 1945, 509 children (259 boys and 250 girls) were completely immunised, and 30 children (13 boys and 17 girls) partly immunised at 49 sessions.

There were 4 cases of Diphtheria in immunised children during the year.

PATHOLOGICAL EXAMINATIONS.

	<i>Positive.</i>	<i>Negative.</i>	<i>Total.</i>
Nose and throat swabs for Diphtheria Bacilli (K.L.B.).....	30	321	351
Nose and throat swabs for Haemolytic Streptococci	97	122	219
Sputa for Tubercle Bacilli	43	189	232
Swabs for Vincent's Organism	8	178	186

DISINFECTION.

The following are particulars of disinfection of rooms and bedding after infectious or other disease :—

	<i>Room.</i>	<i>Bedding.</i>
Scarlet Fever	18	18
Diphtheria	7	7
Tuberculosis	8	8
	—	—
	33	33
	—	—

Library books have been disinfected and returned for circulation.

Several lots of bedding have been destroyed on requests from the owners. When necessary, disinfectant was supplied to individuals and Elementary Schools.

The following table shows the incidence of infectious disease in the three wards of the City.

	<i>Ledbury.</i>	<i>Leominster.</i>	<i>Monmouth.</i>
Scarlet Fever	10	6	9
Diphtheria	9	7	6
Cerebro Spinal Fever	4	1	—
Pneumonia	7	2	2
Erysipelas	—	1	—
Puerperal Pyrexia	20	2	4
Measles	138	204	187
Whooping Cough	38	73	42
Ophthalmia Neonatorum	3	1	2
Dysentery	10	—	2

TUBERCULOSIS.

No action was necessary during the year under the Public Health (Prevention of Tuberculosis) Regulations 1925 (relating to persons suffering from Pulmonary Tuberculosis employed in the Milk Trade), or under Section 172 of the Public Health Act, 1936 (relating to the compulsory removal to Hospital of persons suffering from Tuberculosis).

NEW CASES AND MORTALITY DURING 1945.

<i>Age Period</i>	<i>New</i>				<i>Deaths</i>			
	<i>Respiratory</i>		<i>Non-Respiratory</i>		<i>Respiratory</i>		<i>Non-Respiratory</i>	
	M.	F.	M.	F.	M.	F.	M.	F.
Under 1 year ...	—	—	2	—	—	—	2	—
1—5 years ...	—	1	—	—	—	1	—	—
5—15 years ...	1	—	1	2	1	—	—	—
15—25 years ...	6	6	1	1	2	1	1	—
25—35 years ...	11	9	—	—	5	1	1	—
35—45 years ...	5	3	—	—	2	—	—	—
45—55 years ...	4	3	1	—	6	1	—	—
55—65 years ...	4	—	—	—	3	1	—	—
65 and upwards ...	2	—	—	—	1	—	—	—
Totals ...	33	22	5	3	20	5	4	—

PREVENTION OF BLINDNESS.

No action has been taken under Section 176 of the Public Health Act, 1936.

OPHTHALMIA NEONATORUM

<i>Cases.</i>			<i>Vision Unimpaired</i>	<i>Vision Impaired</i>	<i>Total Blindness</i>	<i>Deaths</i>
<i>Notified</i>	<i>Treated</i>					
	<i>At Home</i>	<i>In Hospital</i>				
6	—	6	6	—	—	—

CITY OF HEREFORD.

DEATHS FROM ALL CAUSES, 1945.

AGES IN YEARS

WARDS

	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 25	25 to 35	35 to 45	45 to 55	55 to 65	65 to 75	75 to 85	85 and up	TOTALS		Led- bury	Lea- minster	Mon- mouth
																	M.	F. T'l.			
1. Typhoid ...																					1
2. Cerebro Spinal Fever ...			1															1			
3. Scarlet Fever ...				1														3		1	
4. Whooping Cough ...	1					1												1			
5. Diphtheria ...																		1			
6. Tuberculosis (Pulmonary)		1				15	1	3	4	2	1	5	3	1			17	21	7	9	5
7. Other Forms of Tuberculosis ...	2							3									5	6		4	2
8. Syphilitic Disease ...									1			2			1		3	3		1	2
9. Influenza ...													1				1	3	1	1	1
10. Measles ...	2		1			1											2	4		2	2
11. Acute Poliomyelitis ...																					
12. Encephalitis ...																					
13. Cancer—Uterus, Bucal Cavity and Oesophagus											1	1	1	2	2		3	7	1	2	4
14. Cancer of Stomach											2	2	3	5			13	19	3	7	9
15. Cancer of Breast											1	2	2	5		2	1	12	2	4	6
16. Cancer of all other sites							1				3	4	3	12	8		19	31	7	10	14
17. Diabetes ...											1	3	1				2	5	1	1	3
18. Intracranial, Vascular Lesions											1	2	6	14		3	22	48	9	16	23
19. Heart Disease									2		6	7	18	16	21	9	35	79	16	25	38
20. Other diseases of the Circulatory System										1		3	2		1		5	7	1	2	4
21. Bronchitis												3	2		1		5	10	2	3	5
22. Pneumonia	3	3		1		1						1	3	3	3		5	24	6	9	9
23. Other Respiratory Diseases											1		2	9	2	1	13	6	2	3	3
24. Duodenal Ulcer												3		1			3	4	1		2
25. Diarrhoea (under 2 years)	1																	1		1	
26. Appendicitis			1														1	1	1		
27. Other Digestive Diseases												2	2	1			1	5		2	3
28. Nephritis	1												7	6		1	4	15	2	6	7
29. Puerperal Sepsis									1									1	1	1	1
30. Other Maternal Causes								1										3	2	2	4
31. Premature Birth	6																1	6	1	2	5
32. Congenital Malformation	8																6	8	1	2	1
33. Suicide												1	2	1				2	1	2	3
34. Road Traffic Accidents												1		1				3			6
35. Other Violent Causes						2		1			1	1	4	1	15	8	7	11	2	3	10
36. All Other Causes	3		1		1	1		1	1					6			10	36	10	10	16
TOTALS	27	5	4	2		5	3	1	9	12	21	42	65	82	86	24	190	388	78	130	180

RESULTS OF BACTERIOLOGICAL EXAMINATIONS DURING THE YEAR.

APPENDIX A.

RAW WATER.					TREATED WATER.			
DATE OF SAMPLE.	No. of Colonies capable of growth on Agar-Agar in 2 days at 37°C per c.c.	No. of Colonies capable of growth on Rebipl-Agar in 2 days at 37°C per c.c.	No. of Colonies capable of growth on Agar-Agar in 4 days at 20°C per c.c.	Presumptive <i>B. Coli</i> in 100 c.c.	No. of Colonies capable of growth on Agar-Agar in 2 days at 37°C per c.c.	No. of Colonies capable of growth on Rebipl-Agar in 2 days at 37°C per c.c.	No. of Colonies capable of growth on Agar-Agar in 4 days at 20°C per c.c.	Presumptive <i>B. Coli</i> in 100 c.c.
3rd January, 1945 ...	134	7	2,400	More than 240 Cols. present in 0.5 c.c.	9	1	540	Absent.
10th January, 1945 ...	29	7	1,620	240 Cols. present in 0.5 c.c.	6	1	41	Absent.
17th January, 1945 ...	18,360	35	20,160	More than 240 Cols. present in less than 0.5 c.c.	36	0	46	Absent.
24th January, 1945 ...	53	19	900	240 Cols. i.e. present in 0.5 c.c.	27	4	360	Absent.
1st February, 1945 ...	117	25	11,340	240 Cols. present in 0.5 c.c.	14	0	21	Absent.
7th February, 1945 ...	86	18	2,080	240 Cols. present in 0.5 c.c.	12	0	72	Absent.
14th February, 1945 ...	580	21	5,400	240 Cols. present in 0.5 c.c.	5	0	71	Absent.
21st February, 1945 ...	118	17	480	26 Cols. present in 4 c.c.	6	1	20	Absent.
27th February, 1945 ...	123	12	1,140	More than 240 Cols. present in less than 0.5 c.c.	20	2	32	Absent.
7th March, 1945 ...	53	13	360	240 Cols. present in 0.5 c.c.	3	1	5	Absent.
20th March, 1945 ...	210	42	960	15 Cols. present in 7 c.c.	6	0	16	Absent.
5th April, 1945 ...	600	62	970	More than 240 Cols. present in less than 0.5 c.c.	6	3	84	Absent.
17th April, 1945 ...	650	27	1,200	Intermediate : 240 Cols. present in less than 0.5 c.c.	10	2	21	Absent.
25th April, 1945 ...	280	6	340	More than 240 Cols. present in less than 0.5 c.c.	8	1	12	Absent.
9th May, 1945 ...	1,320	11	2,100	More than 240 Cols. present in less than 0.5 c.c.	9	2	11	Absent.
23rd May, 1945 ...	420	10	610	More than 240 Cols. present in less than 0.5 c.c.	3	1	9	Absent.
30th May, 1945 ...	28	16	260	More than 240 Cols. present in less than 0.5 c.c.	4	1	7	Absent.
5th June, 1945 ...	78	21	1,200	Absent.	3	2	12	Absent.
21st June, 1945 ...	56	16	600	240 cols. present in less than 0.5 c.c.	3	1	9	Absent.
2nd July, 1945 ...	720	11	2,520	More than 240 Cols. present in less than 0.5 c.c.	6	0	24	Absent.
9th July, 1945 ...	160	27	300	38 Cols. present in 3 c.c.	72	11	120	240 Cols. present in 0.5 c.c.
18th July, 1945 ...	360	15	960	38 Cols. present in 3 c.c.	18	2	120	Absent.
26th July, 1945 ...	840	29	1,200	240 Cols. present in 0.5 c.c.	13	1	300	5 Cols. present in 20 c.c.
1st August, 1945 ...	1,400	48	2,600	38 Cols. present in 3 c.c.	60	2	85	Absent.
7th August, 1945 ...	120	13	2,400	240 Cols. present in 0.5 c.c.	2	0	11	Absent.
22nd August, 1945 ...	900	12	7,200	38 Cols. present in 3 c.c.	4	0	600	Absent.
5th Sept., 1945 ...	3,300	900	5,000	More than 240 Cols. present in less than 0.5 c.c.	486	162	750	2 Cols. present in 50 c.c.
11th Sept., 1945 ...	600	120	1,200	38 Cols. present in 3 c.c.	4	0	12	Absent.
24th Sept., 1945 ...	154	25	1,380	More than 240 Cols. present in less than 0.5 c.c.	14	1	17	Absent.
2nd October, 1945 ...	270	13	560	240 Cols. present in 0.5 c.c.	10	2	17	Absent.
8th October, 1945 ...	540	90	3,600	240 Cols. present in 0.5 c.c.	11	1	20	Absent.
22nd October, 1945 ...	2,700	30	9,600	More than 240 Cols. present in less than 0.5 c.c.	7	1	15	Absent.
6th November, 1945 ...	1,200	270	5,600	240 Cols. present in 0.5 c.c.	4	0	6	Absent.
14th November, 1945 ...	77	19	290	240 Cols. present in 0.5 c.c.	4	0	9	Absent.
20th November, 1945 ...	240	29	980	More than 240 Cols. present in less than 0.5 c.c.	3	0	9	Absent.
27th November, 1945 ...	170	19	1,500	More than 240 Cols. present in less than 0.5 c.c.	2	0	5	Absent.
6th December, 1945 ...	240	16	510	More than 240 Cols. present in less than 0.5 c.c.	8	2	12	Absent.
18th December, 1945 ...	540	74	1,340	More than 240 Cols. present in less than 0.5 c.c.	2	0	5	Absent.
30th December, 1945 ...	1,330	450	2,900	More than 240 Cols. present in less than 0.5 c.c.	7	2	10	Absent.

